Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction A

U.S. Patent and Trademark Office: U 95, no persons are required to respond to a collection of information un

EPARTMENT OF COMMERCE ntains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/522,162 INFORMATION DISCLOSURE Filing Date January 24, 2005 STATEMENT BY APPLICANT First Named Inventor Daniel MEISEL et al. **Group Art Unit** To Be Assigned (use as many sheets as necessary) **Examiner Name** To Be Assigned Sheet of Attorney Docket Number 31775-210910 U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication of Cited Document Name of Patentee or Applicant Pages, Columns, Lines, Where Examine of Cited Document Kind Code Relevant Passages or Relevant Number MM-DD-YYYY Figures Appear (if known) 7ACW NASSENSTEIN A1 3,635,540 01-18-1972 V/A2 08-27-1974 3,832,565 GRAF et al. FOREIGN PATENT DOCUMENTS Pages, Columns, Foreign Patent Document Name of Patentee or Date of Publication Lines, Where Examiner Cite Code<sup>5</sup> Applicant of Cited of Cited Document Relevant Passages Office Initials' No. Number<sup>4</sup> Document MM-DD-YYYY or Relevant Figures T<sub>5</sub> known) Appear 09-13-1972 DE BELDER A3 GB 1 289 095 /ACW/ HOLTRONIC **TECHNOLOGIES** EP 0 421 645 A2 04-10-1991 /ACW LIMITED HOLTRONIC TECHNOLOGIES PLC WO 01/13181 A1 02-22-2001 **A5** HOLTRONIC EP 0 795 803 A2 **TECHNOLOGIES** 09-17-1997 /ACW LIMITED ISIS INNOVATION WO 01/22133 A1 03-29-2001 A7 /ACW LIMITED OTHER PRIOR ART - PENDING PATENT APPLICATIONS Cite Examiner <u>No</u>.¹ Initials "Crystallography of optical lattices," PETSAS et al., Physical Review A, Vol. 50, No. 6, pp. 5173-**A8** /ACW 5189, December 1994. "Photonic band gap formation in certain self-organizing systems," BUSCH et al., Physical Review E, A9 Vol. 58, No. 3, pp. 3896-3908, September 1998. /ACW \*Three-dimensional face-centered-cubic photonic crystal templates by laser holography: fabrication, optical characterization, and band-structure calculations," MIKLYAEV et al., Applied Physics Letters, A10 /ACW Vol. 82, No. 8, pp. 1284-1286, February 24, 2003. "Holographic photonic crystals," ESCUTI et al., Optical Engineering, Vol. 43, No. 9, pp. 1973-1987, A11 /ACW Three-dimensional photonic crystals by holographic lithography using the umbrella configuration: Symmetries and complete photonic band gaps," MEISEL et al., Physical Review B, 70, pp. 165104-1 /ACW/ A12 — 165104-10, 2004. U.S. Patent Publication No. 2002002/0135833 A1, CLUBE et al., September 26, 2002. ACM/ A13 /Amanda C. Walke/ **Date Considered Examiner Signature** 06/15/200

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box	+

Sheet

31775-210910 RK

plus sign (+) inside this box + PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Attorney Docket Number

## Substitute for form 1449A/PTO Complete if Known NOT YET ASSIGNED **Application Number** INFORMATION DISCLOSURE Filing Date Concurrently STATEMENT BY APPLICANT First Named Inventor Daniel MEISEL et al. Group Art Unit Not Yet Assigned (use as many sheets as necessary) **Examiner Name** Not Yet Assigned

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  Chaitanya K. ULLAL et al., "PHOTONIC CRYSTALS THROUGH HOLOGRAPHIC LITHOGRAPHY: SIMPLE CUBIC, DIAMOND-LIKE, AND GYROID-LIKE STRUCTURES," Applied Physics Letters, 28 June 2004, Pages 5434-5436, Vol. 84, No. 26				
/ACW	AG					
			ļ			

	<del>, </del>		
Examiner Signature	/Amanda C. Walke/	Date Considered	06/15/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Comissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

RK/trt

DC2DOCS1\614563

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.